

## Developed for our clientele: STABILIZING COLUMNS

Some of our customers had the challenge to remove concrete pile heads whereby a uniform height of the pile heads had to be achieved. Another client had the task to carry out pile drillings inside of available sheds for which the concrete floor had to be drilled without any vibrations and without causing any damages. The required smooth operation of the rotary drum cutting head could not be guaranteed with a standard excavator.

In cooperation with our customers we developed a STABILIZING COLUMN – a concept which enables the carrying excavator to place the stabilizing column firmly on available undergrounds. The lengthways rotary drum cutter is connected to the column and is moved parallelly by means of a sliding frame. So the stabilizing column guarantees the required vibration-free operations of the cutter head. The installed hydraulic feed cylinder regulates the lengthways cutter head ( module system ) exactly and millimeterwise.

The practice confirmed that these stabilizing columns enable quiet milling operations without any vibrations. In order to allow milling and drilling operations in different materials, we developed also a series of milling cutter circular flanges with manifold arrangements of round shaft picks ( chisels ). The attached photos taken from test runs show absolutely clean surfaces after milling.